



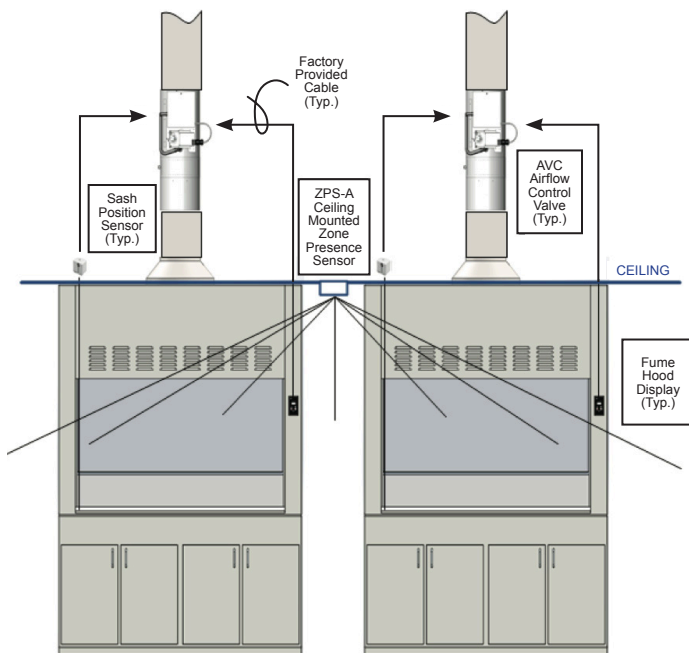
# Area Presence Sensor ZPS-A

*Use with the AVC Fume Hood Control System*



**The Accutrol ZPS-A Area Presence Sensor is an energy saving addition to the AVC Fume Hood Control System.**

The Accutrol ZPS-A creates an operator detection zone to determine occupancy in a zone of multiple fume hoods in one area. When an operator's presence activates the sensor, the ZPS-A sends a signal to the Accutrol Fume Hood Controllers for "normal operating mode." This places the independent fume hood control into an occupied condition of operation for the appropriate airflow. When personnel are absent from the fume hood operating zone, the ZPS-A sends a signal to the Accutrol Fume Hood Controllers for "setback operating mode." This places the independent fume hood control systems into an unoccupied condition of operation for appropriate airflow.



## Overview

- For safe occupancy detection of multiple fume hoods concentrated in one area
- 100% digital PIR detection
- Multi-level Fresnel lens with field of view of 360° (masking for specific area)
- Coverage up to 500sf and 12ft from sensor when mounted at 8ft
- Easy installation and setup
- Adjustable time delay through AVC
- No field calibration required
- Lowers fume hood energy

## Additional Accutrol Product Reference *Accutrol AVC Fume Hood Control System*

## Specifications

### PERFORMANCE

<b>Detection Method</b>	PIR Detection Detection signature analysis eliminates false triggers; Provides immunity to RFI and EMI
<b>Detection Pattern</b>	360° Coverage (masking for specific area can be inserted)
<b>Max. Mounting Height</b>	8 to 15' (2.4m to 4.5m)

### ELECTRICAL

<b>Input Power</b>	12V to 24V AC or DC $\pm 10\%$
<b>Power Consumption</b>	37mA @ 24VAC, 37mA @ 24VDC
<b>Output Contact</b>	Isolated relay with normally open and normally closed outputs; rated 1 Amp @ 24VDC/VAC

### CONSTRUCTION

<b>Mounting</b>	Ceiling tile or round mudring
<b>Color</b>	White
<b>Size</b>	3.3" Diameter (85mm) 2.2" Depth (56mm) Extends approximately 0.36" (9.1mm) from ceiling

Your representative is:

